

IN THE CLAIMS

- 5 1. A thermoplastic resin composition for laser welding comprising:
- 1) thermoplastic resin; and,
 - 2) a laser transmitting black colorant comprising a mixture of a) neutral anthraquinone dye which imparts colors of blue, violet or green, absorbs visible light with wavelength less than 700 nm and transmits a laser beam with wavelength at 800 nm to 1200 nm in the infra-red region with b) at least one other red dye which transmits with a wavelength at 800 nm to 1200 nm in infra-red region.
- 10 2. The composition of Claim 1 wherein said colorant comprises a mixture of said neutral anthraquinone blue dyes with said red dyes and further other yellow dyes.
- 15 3. The composition of Claim 1 wherein said thermoplastic resin is polyamide or polyester.
4. The composition of any of Claim 1-3 wherein said red dye is selected from the group consisting of perinone dyes, monoazo complex dyes and anthraquinone dyes.
5. The composition of Claim 1 further comprising reinforcing agent.
- 20 6. A laser-transmitting article formed from the composition of Claim 1.
7. An article formed by laser welding a laser-absorbing article with the laser-transmitting article of Claim 6.
8. A laser-transmitting black colorant suitable for being mixed with a thermoplastic resin applied to a laser welding comprising a mixture of a) neutral anthraquinone dye which imparts colors of blue, violet or green, absorbs visible light with wavelength less than 700 nm and transmits a laser beam with wavelength at 800 nm to 1200 nm in infra-red region with b) at least other red dye which transmits the laser beam with wavelength at 800 nm to 1200 nm in infra-red region.
- 25 9. The colorant of Claim 8 comprising said mixture of neutral anthraquinone blue dyes with red dyes and further yellow dyes.
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